

MATERIAL SAFETY DATA SHEET

Schaeffer Mfg. Company
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SECTION I - PRODUCT INFORMATION

Chemical Family: Petroleum Hydrocarbons & Additives	Trade Name: #209 Moly Universal Gear Lube SAE 90
Formula: Proprietary Mixture	

SECTION II - HAZARDOUS INGREDIENTS

Exposure Limits					
Component Name	%	TLV		PEL	
		ppm	mg/m3	ppm	mg/m3
100% Paraffin Base Oil CAS# 64742-57-0, CAS# 64742-62-1, CAS# 64742-54-7	90-92		5		5
Olefin Sulfide	3-4		NE		NE
Molybdenum Disulfide CAS# 1317-33-5	1-3		10		15

SECTION III - PHYSICAL DATA

Boiling/Melting Point °F/°C	>600°F/300°C	Specific Gravity	.8984
Vapor Pressure (mm Hg)	Not Determined	% Volatile	Nil
Vapor Density (air = 1)	Not Determined	Evaporation Rate (=1)	Not Determined
Solubility In water	Insoluble	pH	Not Applicable
Appearance and Odor: Grey black color, strong odor.			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

USEPA SF



1274649

Flash Point (Method): 450°F/232.22°C ASTM D-92 C.O.C	Flammable Limits: UEL & LEL---Not Determined.
Extinguishing Media: Carbon dioxide foam, dry chemical foam, sand, earth.	
Special Fire Fighting Procedures: For fires involving this material do not enter any enclosed or confined space without protective equipment including a self-contained breathing apparatus.	
Unusual Fire and Explosion Hazards: Dense black smoke	

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value and Sources: 5.0/mg/m3 for oil mist. OSHA & ACGIH.
Acute Effects of Overexposure Ingestion: Nausea and diarrhea. Tackiness agents in this product may possibly be coagulated by stomach acids.
Eye Contact: Redness and irritation.
Skin Contact: Prolonged or repeated skin contact may cause irritation and redness to the skin.
Inhalation: Vapors can be given off under high heat conditions. Excessive breathing of high vapor concentration can cause irritation of the respiratory tract.
Chronic Effects of Overexposure: None currently known.
Emergency and First Aid Procedure Swallowing: Do not induce vomiting. If conscious give 2 glasses of water. Seek medical attention immediately.
Skin: Remove contaminated clothing. Wash skin thoroughly with soap and water.
Inhalation: Remove exposed person to fresh air. If breathing is irregular administer oxygen. If breathing has stopped start artificial respiration.
Eyes: Flush eyes with clear, cool clean water for 15 minutes. Seek medical attention immediately.

SECTION VI - ADDITIONAL HEALTH AND TOXICOLOGICAL DATA

This product does not contain any of the chemicals listed on the National Toxicology Program Annual Reports on Carcinogens, the International Agency for Cancer Research Monographs and OSHA's 1910.10 Subpart Z list.
This product does not contain any of the chemicals found on the State of California's Proposition 65 list as potential reproductive toxins or cancer causing agents.

HMIS & NFPA RATINGS:
Health = 1 Fire = 1 Reactivity = 0

This product does not contain any greater than 1% of any of the chemicals listed on the EPA's SARA Title III Section 302/304 and 313 list and CERCLA 102 (a).

All of the components in this material are on the US TSCA Inventory. All components are in compliance with the Canadian Environmental Act.

SECTION VII - REACTIVITY DATA

Stability:			
Unstable	Stable	Conditions to Avoid	High heat, high energy ignition sources.
	X		
Incompatibility (materials to avoid): Strong oxidizers & reducers.			
Hazardous Decomposition Products: Oxides of carbon, sulfur and by products of incomplete combustion.			
May Occur	Will Not Occur	Conditions To Avoid	
	X	None	

SECTION VIII - SPILL OR LEAK PROCEDURES

Environmental Impact: This material is not expected to present any environmental problems other than those associated with oil spills. If spilled into a watercourse, call the Coast Guard Toll Free No. 800-424-8802.
Procedures To Be Taken If Material Is Released or Spilled: Immediately absorb spilled material with absorbent clay or oil dri. Keep out of sewers and watercourses. Shovel up and dispose of in approved waste containers.
Waste Disposal Methods: Dispose of at an approved waste or disposal site or facility in accordance with all applicable federal, state and local laws and regulations. This product is not considered to be a RCRA hazardous waste.

SECTION IX - SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required under ordinary conditions of use.
Ventilation: No special requirement under ordinary conditions of use and with adequate ventilation.
Eye Protection: Chemical resistant goggles or face shield.
Protective Clothing: Oil resistant gloves.

SECTION X - SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling and Storage: Keep containers closed when not in use. Do not store near high heat or strong oxidizers or reducers. Do not store near food or feed products.

Special Comments: Remove oil soaked clothing and launder before reuse. Wash skin thoroughly with soap and water after handling.

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